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(54) Title: WATER-SOLUBLE THERMOFORMED CONTAINERS COMPRISING AQUEOUS COMPOSITIONS

(57) Abstract: A process for preparing a water-soluble container which comprises: a) thermoforming a first poly(vinyl alcohol) film having a water content of less than 5 wt% to produce a pocket; b) filling the pocket with a composition; c) placing a second film on top of the filled pocket; and d) sealing the first film and second film together.

CLAIMS

1. A process for preparing a water-soluble container which comprises:
 - 5 a) thermoforming a first poly(vinyl alcohol) film having a water content of less than 5 wt% to produce a pocket;
 - b) filling the pocket with a composition;
 - c) placing a second film on top of the filled pocket;
 - 10 and
 - d) sealing the first film and second film together.
2. A process according to claim 1 wherein the composition in
15 step (b) is an aqueous liquid.
3. A process according to claim 2 wherein the aqueous liquid contains at least 8 wt% water based on the total weight of aqueous liquid.
20
4. A process according to any one of the preceding claims wherein the composition is a fabric care, surface care or dishwashing composition.
- 25 5. A process according to any one of the preceding wherein the container comprises a dishwashing, water-softening, laundry or detergent composition or a rinse aid.
6. A process according to claim 5 wherein the container is
30 suitable for use in a domestic washing machine.

7. A process according to any one of claims 1 to 4 wherein the container comprises a disinfectant, antibacterial or antiseptic composition.
- 5 8. A process according to any one of claims 1 to 4 wherein the container comprises a refill composition for a trigger-type spray.
9. A process according to any one of claims 1 to 3 wherein
10 the container comprises an agricultural composition.
- 10.A process according to any one of the preceding claims wherein the second film is a poly(vinyl alcohol) film.
- 15 11.A process according to claim 10 wherein the second poly(vinyl alcohol) film has a water content of less than 5 wt%.
- 12.A process according to claim 10 wherein the second
20 poly(vinyl alcohol) film has a water content of at least 6 wt%.
- 13.A process according to any one of the preceding claims wherein the first poly(vinyl alcohol) film has a water
25 content of less than 2 wt%.
- 14.A process according to claim 13 wherein the first poly(vinyl alcohol) film has a water content of 0.5 to 1 wt%.

15. Use of a thermoformed poly(vinyl alcohol) film containing less than 5 wt% water to package a composition.
16. Use of a poly(vinyl alcohol) film containing less than 5 wt% water and comprising 5 to 35 wt% plasticiser, based on the total weight of the film, to package a composition.
17. Use according to claim 15 or 16 wherein the poly(vinyl alcohol) film contains less than 2 wt% water.